

CTC 260-Hydrology Schedule

January/February

Monday/Wednesday	
18	Hydrology: Overview & Definitions
23/25	Watersheds: Characteristics & Delineation (Class canceled on Monday-weather)
30/1	Precipitation/IDF Curves (assign Project 1)
6/8	Hyetographs/Hydrographs
13/15	Time of Concentration and Manning's Equation
20/22	Peak Flows (Rational Method) (assign Project 2) Project 1-IDF Due on Blackboard February 20

March

Monday/Wednesday	
27/1	Work on Project 2 (Flowmaster for checking pipe size) –submit first 2 lines on Wednesday
6/8	Monday----- Review (topics: delineations/drainage areas/hyetographs/hydrographs/unit hydrographs/intensity/precipitation/IDF curves/frequency) Wednesday-----Midterm
13/15 SPRING BREAK	
20/22	Peak Flows (TR-55 Method; Part 1) Project 2-Stormwater Design Due on Blackboard March 20
27/29	Peak Flows (TR-55 Method; Part 2) (assign Project 3)

April/May

Monday/Wednesday	
3/5	Detention Design (Info needed to Route) Mon-Inflow Hydrograph/Storage; Wed-Orifice/Weirs
10/12	Detention Design (Routing)
17/19	SWPPP Project 3-Peak Flows Due on Blackboard April 17
24/26	Work on Final Exam Project—detention basin design
Final Exam Project 4 is due Wednesday May 3rd at 10am (Blackboard dropbox)	